SEQUENCE LISTING

<110> GAGE, Fred
SUHR, Steven
GIL, Elad
SENUT, Marie-Claude

<120> HORMONE RECEPTOR FUNCTIONAL DIMERS AND METHODS OF THEIR USE

<130> SALK2350

<140> US 09/421,971
<141> 1999-10-20

<160> 75

<170> PatentIn version 3.0

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Cys Xaa Xaa Cys Xaa Xaa Asp Xaa Ala Xaa Gly Xaa Tyr Xaa Xaa Xaa
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Xaa Cys Xaa Xaa Cys Lys Xaa Phe Phe Xaa Arg Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Lys
35 40 45

Xaa Xaa Arg Xaa Xaa Cys Xaa Xaa Cys Arg Xaa Xaa Lys Cys Xaa Xaa
50 55 60

Xaa Gly Met
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Gly Gly Gly Gly Ser
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Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
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Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser
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Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Lys Gly
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Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Ser Gly Ser Thr
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Lys Gly

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Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Lys Gly
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Gly Ser Thr Ser Gly Ser Gly Lys Pro Gly Ser Gly Glu Gly Ser Thr
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Lys Gly

<210> 9
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Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Glu Phe
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Ser Arg Ser Ser Gly
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Ser Gly Ser Ser Cys
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Ala Met Gly Arg Ser Gly Gly Gly Cys Ala Gly Asn Arg Val Gly Ser
1 5 10 15

Ser Leu Ser Cys Gly Gly Leu Asn Leu Gln Ala Met
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Ala Met Gly Gly Ser Ala Met
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Gly

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gtagaattcg gccaacaggg cccatggaca ccaaacattt c
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gatgggggag ctcagggtgc
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cataagctta tgggacagac actgatggga cggccc
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<210> 27
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ttaccgctag ctccacca
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aagcttgaga gatctgggac ggcgcccccg gggctagcgg gccaaca
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Ala Met Gly Gly Ser Gly Gly Ser Ala Met
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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Ala Met
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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Ala Met
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<400> 37

Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
1 5 10 15

Ser Ala Met

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<400> 38

Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
1 5 10 15

Ser Gly Gly Ser Ala Met
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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
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Ser Gly Gly Ser Gly Gly Ser Ala Met
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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
1 5 10 15

Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Ala Met
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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
1 5 10 15

Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Ala Met
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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
1 5 10 15

Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser
20 25 30

Ala Met

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Ala Met Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly
1 5 10 15

Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser
20 25 30

Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
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Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
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Gly Ser Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
1 5 10 15

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Ala Met
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1 5 10 15

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Ala Met
20 25 30

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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
1 5 10 15

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
20 25 30

Gly Ser Ala Met
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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
1 5 10 15

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
20 25 30

Gly Ser Gly Gly Gly Ser Ala Met
35 40

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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
1 5 10 15

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
20 25 30

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Ala Met
35 40

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Ala Met Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
1 5 10 15

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
20 25 30

Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Ala Met
35 40 45

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Ala Met Gly Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
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Ser Ala Met

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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
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Ser Gly Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Met
20 25

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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

Ala Met

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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

Gly Gly Gly Gly Ser Ala Met
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<400> 62

Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Met
35 40

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<400> 63

Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala
35 40 45

Met

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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
35 40 45

Gly Gly Gly Ser Ala Met
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Ala Met Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
35 40 45

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Met
50 55

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Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
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Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser
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<400> 68

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25

<210> 69
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<400> 69

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
20 25 30

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<400> 70

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
20 25 30

Gly Gly Ser
35

<210> 71
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<400> 71

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser
35 40

<210> 72
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<400> 72

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
35 40 45

<210> 73
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<223> Chimeric protein linker

<400> 73

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly
35 40 45

Gly Ser
50

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<400> 74

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly
35 40 45

Gly Ser Gly Gly Gly Gly Ser
50 55

<210> 75
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<400> 75

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly
35 40 45

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
50 55 60